

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: February 26, 2002, 11:47:52 ; Search time 3596.29 Seconds

(without alignments)
3318.831 Million cell updates/sec

Title: US-09-602-833a-3

Perfect score: 681

Sequence: 1 atgagatctgcgtatctgcgc.....cttttagccttcactttga 681

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 17159718 seqs, 876320856 residues 34319436

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending_Patents_NA_Main:*
1: /cgn2_6/ptodata/2/pna/US0611.COMB.seq:*
2: /cgn2_6/ptodata/2/pna/US0612.COMB.seq:*
3: /cgn2_6/ptodata/2/pna/US0613.COMB.seq:*
4: /cgn2_6/ptodata/2/pna/US0614.COMB.seq:*
5: /cgn2_6/ptodata/2/pna/US0615.COMB.seq:*
6: /cgn2_6/ptodata/2/pna/US0616.COMB.seq:*
7: /cgn2_6/ptodata/2/pna/US0617.COMB.seq:*
8: /cgn2_6/ptodata/2/pna/US0618.COMB.seq:*
9: /cgn2_6/ptodata/2/pna/US0619.COMB.seq:*
10: /cgn2_6/ptodata/2/pna/US0620.COMB.seq:*
11: /cgn2_6/ptodata/2/pna/US0621.COMB.seq:*
12: /cgn2_6/ptodata/2/pna/US0622.COMB.seq:*
13: /cgn2_6/ptodata/2/pna/US0623.COMB.seq:*
14: /cgn2_6/ptodata/2/pna/US0624.COMB.seq:*
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16: /cgn2_6/ptodata/2/pna/US0626.COMB.seq:*
17: /cgn2_6/ptodata/2/pna/US0627.COMB.seq:*
18: /cgn2_6/ptodata/2/pna/US0628.COMB.seq:*
19: /cgn2_6/ptodata/2/pna/US0629.COMB.seq:*
20: /cgn2_6/ptodata/2/pna/US0630.COMB.seq:*
21: /cgn2_6/ptodata/2/pna/US0631.COMB.seq:*
22: /cgn2_6/ptodata/2/pna/US0632.COMB.seq:*
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No.	Score	Match	Length	ID			
1	681	100.0	681	47	US-60-140-627-3	Sequence 3, Appl	
2	681	100.0	1116	1	PCT-US01-14826-12	Sequence 12, Appl	
3	681	100.0	1969	1	PCT-US01-14826-12	Sequence 12, Appl	
4	681	100.0	2094	26	US-09-667-298-12	Sequence 444, Appl	
5	661.8	97.2	2035	1	PCT-US01-14826-12	Sequence 806, Appl	
6	661.8	97.2	2035	22	US-09-517-408-1843	Sequence 9227, Ap	
7	632	92.8	2010	25	US-09-652-915-111-806	Sequence 444, App	
8	632	92.8	2010	25	US-09-652-915-111-806	Sequence 1391, Ap	
9	576	84.6	577	19	US-09-516-448-1391	Sequence 1391, Ap	
10	504.8	74.1	630	31	US-09-833-181-1391	Sequence 636, App	
11	504.8	74.1	630	31	US-09-833-181-1391	Sequence 3967, Ap	
12	372.2	50.7	840	26	US-09-668-683-3265	Sequence 2255, Ap	
13	345	50.7	840	26	US-09-668-683-3265	Sequence 6811, Ap	
14	345	50.7	840	26	US-09-668-683-3265	Sequence 6811, Ap	
15	324.4	47.6	327	17	US-09-332-782-6811	Sequence 10130, A	
16	324.4	47.6	327	17	US-09-332-782-6811	Sequence 10130, A	
17	302.6	44.4	334	12	US-09-515-694-6811	Sequence 5831, Ap	
18	302.6	44.4	334	12	US-09-515-694-6811	Sequence 1404, Ap	
19	265	38.9	334	12	US-09-359-067-5831	Sequence 603, App	
20	195.6	28.7	323	14	US-08-824-056-1404	Sequence 25490, A	
21	187.4	27.5	239	21	US-09-540-766-17283	Sequence 25490, A	
22	187.4	27.5	239	21	US-09-540-766-17283	Sequence 25490, A	
23	187.4	27.5	239	21	US-09-540-766-17283	Sequence 25490, A	
24	187.4	27.5	239	21	US-09-540-766-17283	Sequence 25490, A	
25	172	25.3	480	32	US-09-933-524-29336	Sequence 24337, A	
26	172	25.3	480	32	US-09-933-524-29336	Sequence 24337, A	
27	172	25.3	480	32	US-09-933-524-29336	Sequence 24337, A	
28	161	23.6	15011	57	US-60-245-228-24	Sequence 42, Appl	
29	128	18.8	440	19	US-09-528-409-25490	Sequence 2033, Ap	
30	128	18.8	440	19	US-09-528-409-25490	Sequence 2033, Ap	
31	125	18.4	456	19	US-09-528-409-25490	Sequence 2033, Ap	
32	125	18.4	456	19	US-09-528-409-25490	Sequence 2033, Ap	
33	118.4	17.4	494	52	US-60-195-050-71	Sequence 8543, Ap	
34	117.2	17.2	222	23	US-09-619-303-42	Sequence 1392, Ap	
35	107.8	15.8	1660	25	US-09-649-164-9252	Sequence 2777, Ap	
36	107.8	15.8	1660	25	US-09-649-164-9252	Sequence 5894, Ap	
37	107.8	15.8	1660	25	US-09-649-164-9252	Sequence 5894, Ap	
38	107.8	15.8	1660	25	US-09-649-164-9252	Sequence 5894, Ap	
39	107.8	15.8	1660	25	US-09-649-164-9252	Sequence 5894, Ap	
40	107.8	15.8	1660	25	US-09-649-164-9252	Sequence 5894, Ap	
41	100	14.7	1434	18	US-09-496-914A-2777	Sequence 5894, Ap	
42	100	14.7	1434	18	US-09-496-914A-2777	Sequence 5894, Ap	
43	98.4	14.4	1848	22	US-09-560-875A-2777	Sequence 5894, Ap	
44					US-09-359-922-5894	Sequence 5894, Ap	

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

42	98.4	14.4	1848	17	US-09-359-922-5894	Sequence 5894, Ap
43	87	12.8	429	19	US-09-528-409-13035	Sequence 13035, A
44	87	12.8	429	32	US-09-933-524-13035	Sequence 13035, A
45	85	12.5	823	57	US-60-245-228-523	Sequence 523, App

ALIGNMENTS

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RESULT 1
US-60-140-627-3
; Sequence 3, Application US/60140627
; GENERAL INFORMATION:
; APPLICANT: Turner, Alex
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Freidrich, Glenn A.
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: A NOVEL HUMAN CDNA CLONE AND PROTEINS
; TITLE OF INVENTION: ENCODED THEREBY
; FILE REFERENCE: 8535-0036-888
; CURRENT APPLICATION NUMBER: US/60/140, 627
; CURRENT FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(678)
US-60-140-627-3
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Query Match Best Local Similarity 100.0%; Score 681; DB 47; Length 681;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 atgagaattcgtgacatcgcgaataatcacaatctccagcagaatcggtgt 60
Db 1 atgagaattcgtgacatcgcgaataatcacaatctccagcagaatcggtgt 60
QY 61 ttgaagaacctgaaagaactcaatgtggttcaactatctgaagaactcctccaga 120
Db 61 ttgaagaacctgaaagaactcaatgtggttcaactatctgaagaactcctccaga 120
QY 121 ttggagagctgtgaaactctagagagactgtgttcttgaaactctagaattatgag 180
Db 121 ttggagagctgtgaaactctagagagactgtgttcttgaaactctagaattatgag 180
QY 181 ctgaccttgaaataagtaatttgaagaagttacatttgaatatctcagaacaaga 240
Db 181 ctgaccttgaaataagtaatttgaagaagttacatttgaatatctcagaacaaga 240
QY 241 ttcccaagtgtcccaatctgtgtcctgcgagatgcgaattgcaagtgtgtgatacagc 300
Db 241 ttcccaagtgtcccaatctgtgtcctgcgagatgcgaattgcaagtgtgtgatacagc 300
QY 301 agcaataacccgacgcgacctgcgcaagatatagacaagctagagagctgcagaagctt 360
Db 301 agcaataacccgacgcgacctgcgcaagatatagacaagctagagagctgcagaagctt 360
QY 361 ctctgtataaaaaaagaattgaacctacccttccatctcgaatcgtgaactgaagaagctc 420
Db 361 ctctgtataaaaaaagaattgaacctacccttccatctcgaatcgtgaactgaagaagctc 420
QY 421 actctgttagctgcctcagtgaggacaattgtgtgagctcccaactgaccttctgtgactca 480
Db 421 actctgttagctgcctcagtgaggacaattgtgtgagctcccaactgaccttctgtgactca 480
QY 481 tccacaccttaaatattgtaagccttatgacaatccttatgttaagcccaatgtgaa 540
Db 481 tccacaccttaaatattgtaagccttatgacaatccttatgttaagcccaatgtgaa 540
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Db 481 tccacaccttaaatattgtaagccttatgacaatccttatgttaagcccaatgtgaa 540
QY 541 gatggcaatgaaataatgaaagtgaaacggaatcgccacaacttttgataaagaattag 600
Db 541 gatggcaatgaaataatgaaagtgaaacggaatcgccacaacttttgataaagaattag 600
QY 601 aaagcctatatgaaagaccttaagaagaagaatctgttccagctataccacaagt 660
Db 601 aaagcctatatgaaagaccttaagaagaagaatctgttccagctataccacaagt 660
QY 661 tctttaagcctcaacttga 681
Db 661 tctttaagcctcaacttga 681
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RESULT 2
US-60-140-627-1
; Sequence 1, Application US/60140627
; GENERAL INFORMATION:
; APPLICANT: Turner, Alex
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Freidrich, Glenn A.
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: A NOVEL HUMAN CDNA CLONE AND PROTEINS
; TITLE OF INVENTION: ENCODED THEREBY
; FILE REFERENCE: 8535-0036-888
; CURRENT APPLICATION NUMBER: US/60/140, 627
; CURRENT FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1113)
US-60-140-627-1
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Query Match Best Local Similarity 100.0%; Score 681; DB 47; Length 1116;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 atgagaattcgtgacatcgcgaataatcacaatctccagcagaatcggtgt 60
Db 1 atgagaattcgtgacatcgcgaataatcacaatctccagcagaatcggtgt 60
QY 436 atgagaattcgtgacatcgcgaataatcacaatctccagcagaatcggtgt 495
Db 436 atgagaattcgtgacatcgcgaataatcacaatctccagcagaatcggtgt 495
QY 61 ttgaagaacctgaaagaactcaatgtggttcaactatctgaagaactcctccaga 120
Db 61 ttgaagaacctgaaagaactcaatgtggttcaactatctgaagaactcctccaga 120
QY 121 ttggagagctgtgaaactctagagagactgtgttcttgaaactctagaattatgag 180
Db 121 ttggagagctgtgaaactctagagagactgtgttcttgaaactctagaattatgag 180
QY 181 ctgaccttgaaataagtaatttgaagaagttacatttgaatatctcagaacaaga 240
Db 181 ctgaccttgaaataagtaatttgaagaagttacatttgaatatctcagaacaaga 240
QY 241 ttcccaagtgtcccaatctgtgtcctgcgagatgcgaattgcaagtgtgtgatacagc 300
Db 241 ttcccaagtgtcccaatctgtgtcctgcgagatgcgaattgcaagtgtgtgatacagc 300
QY 301 agcaataacccgacgcgacctgcgcaagatatagacaagctagagagctgcagaagctt 360
Db 301 agcaataacccgacgcgacctgcgcaagatatagacaagctagagagctgcagaagctt 360
QY 361 ctctgtataaaaaaagaattgaacctacccttccatctcgaatcgtgaactgaagaagctc 420
Db 361 ctctgtataaaaaaagaattgaacctacccttccatctcgaatcgtgaactgaagaagctc 420
QY 796 ctctgtataaaaaaagaattgtaagccttatgacaatccttatgttaagcccaatgtgaa 855
Db 796 ctctgtataaaaaaagaattgtaagccttatgacaatccttatgttaagcccaatgtgaa 855
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QY 421 actctgttagtcgtcagtgaggagaccatttgtagagctcccaactgaccttctgtgactca 480
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Db 826 actctgttagtcgtcagtgaggagaccatttgtagagctcccaactgaccttctgtgactca 915
QY 481 tccacaccttaaaatttgtagagcttatgagcaaatccctattgtaaatgcccgaatgtgaa 540
|||||
Db 916 tccacaccttaaaatttgtagagcttatgagcaaatccctattgtaaatgcccgaatgtgaa 975
QY 541 gatggcaattgaataatggaagatggaagatgcgcaacttcttgataaagaagttag 600
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Db 976 gatggcaattgaataatggaagatggaagatgcgcaacttcttgataaagaagttag 1035
QY 601 aaagcctatattgaagaccttaagaagaagaatctgttcccaagctataccaccaaaagt 660
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Db 1036 aaagcctatattgaagaccttaagaagaagaatctgttcccaagctataccaccaaaagt 1095
QY 661 tcttttagccttcaactttga 681
|||||
Db 1096 tcttttagccttcaactttga 1116

RESULT 3

PCT-US01-14826-12
Sequence 12, Application PC/TUS0114826
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 21272-103
CURRENT APPLICATION NUMBER: PCT/US01/14826
CURRENT FILING DATE: 2001-05-16
PRIOR APPLICATION NUMBER: 09/577,408
PRIOR FILING DATE: 2000-05-18
PRIOR APPLICATION NUMBER: 09/677,298<151> 2000-09-22
PRIOR APPLICATION NUMBER: 09/657,781<151> 2000-10-24
PRIOR APPLICATION NUMBER: 09/715,869<151> 2000-11-17
PRIOR APPLICATION NUMBER: 09/775,330<151> 2001-02-01
NUMBER OF SEQ ID NOS: 864
SOFTWARE: Custom
SEQ ID NO 12
LENGTH: 1989
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (330)..(1442)
PCT-US01-14826-12

Query Match

Best Local Similarity 100.0%; Score 681; DB 1; Length 1989;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 atgagaattcgtgattctgcacaaaacccaatctcacattctccagcagaatcggtgt 60
|||||
Db 765 atgagaattcgtgattctgcacaaaacccaatctcacattctccagcagaatcggtgt 824
QY 61 ttgaagaacctgaaagaactcaatgtggtttcaactatctggaagagattccctccagaa 120
|||||
Db 825 ttgaagaacctgaaagaactcaatgtggtttcaactatctggaagagattccctccagaa 884
QY 121 ttgggagattgtgaaaatctagagagactgattgttctggaatctagaattaaatgag 180
|||||
Db 885 ttgggagattgtgaaaatctagagagactgattgttctggaatctagaattaaatgag 944
QY 181 ctgcaccttgataatgaagttagaagaattacattgttagataatctccgcaacaag 240
|||||
Db 945 ctgcaccttgataatgaagttagaagaattacattgttagataatctccgcaacaag 1004
QY 241 ttcccaatgtcccaaatctgtctcctcgagatgtagaatttgcagttgttgataatcagc 300
|||||
Db 1005 ttcccaatgtcccaaatctgtctcctcgagatgtagaatttgcagttgttgataatcagc 1064
QY 301 agcaataacctgacgcacctgcgcgaagatataagacaggttagagagcttgacagctt 360

Db 1065 agcaataacctgacgcacctgcgcgaagatataagacaggttagagagcttgacagctt 1124
QY 361 ctctgtataaaacaagttagacctacccttccattccatgctgacacctgaagaagctc 420
|||||
Db 1125 ctctgtataaaacaagttagacctacccttccattccatgctgacacctgaagaagctc 1184
QY 421 actctgttagtcgtcagtgaggagaccatttgtagagctcccaactgaccttctgtgactca 480
|||||
Db 1185 actctgttagtcgtcagtgaggagaccatttgtagagctcccaactgaccttctgtgactca 1244
QY 481 tccacaccttaaaatttgtagagcttatgagcaaatccctattgtaaatgcccgaatgtgaa 540
|||||
Db 1245 tccacaccttaaaatttgtagagcttatgagcaaatccctattgtaaatgcccgaatgtgaa 1304
QY 541 gatggcaattgaataatggaagatggaagatgcgcaacttcttgataaagaagttag 600
|||||
Db 1305 gatggcaattgaataatggaagatggaagatgcgcaacttcttgataaagaagttag 1364
QY 601 aaagcctatattgaagaccttaagaagaagaatctgttcccaagctataccaccaaaagt 660
|||||
Db 1365 aaagcctatattgaagaccttaagaagaagaatctgttcccaagctataccaccaaaagt 1424
QY 661 tcttttagccttcaactttga 681
|||||
Db 1425 tcttttagccttcaactttga 1445

RESULT 4

US-09-667-298-12
Sequence 12, Application US/09667298
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Zhou, Ping
APPLICANT: Asundi, Vinod
APPLICANT: Ren, Feiyan
APPLICANT: Zhao, Qing A.
APPLICANT: Zhang, Jie
APPLICANT: Xue, Aidong J.
APPLICANT: Wang, Jian-Rui
APPLICANT: Chen, Rui-hong
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: Novel Nucleic Acids and
FILE REFERENCE: 792CIP2A
CURRENT APPLICATION NUMBER: US/09/667,298
CURRENT FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: 09/577,408
PRIOR FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 178
SOFTWARE: pt_FL-genes Version 2.0
SEQ ID NO 12
LENGTH: 2094
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (435)..(1550)
US-09-667-298-12

Query Match

Best Local Similarity 100.0%; Score 681; DB 26; Length 2094;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 atgagaattcgtgattctgcacaaaacccaatctcacattctccagcagaatcggtgt 60
|||||
Db 870 atgagaattcgtgattctgcacaaaacccaatctcacattctccagcagaatcggtgt 929
QY 61 ttgaagaacctgaaagaactcaatgtggtttcaactatctggaagagattccctccagaa 120
|||||
Db 930 ttgaagaacctgaaagaactcaatgtggtttcaactatctggaagagattccctccagaa 989

QY 121 ttggagatctgaaactctagagagactggtgttcttgaaactctagaattatggag 180
|||||
Db 990 ttggagatctgaaactctagagagactggtgttcttgaaactctagaattatggag 1049
QY 181 ctgaccttgaaatgaatcttgaaagaagtatacttctgatactctcagaacaag 240
|||||
Db 1050 ctgaccttgaaatgaatcttgaaagaagtatacttctgatactctcagaacaag 1109
QY 241 ttcttcagtgctccaatctgtgtctctgagatgctgaatttgcagtggttgatatacgc 300
|||||
Db 1110 ttcttcagtgctccaatctgtgtctctgagatgctgaatttgcagtggttgatatacgc 1169
QY 301 agcaataacctgaccgacctgcccgaagatatagacagctagagagctgcaagctt 360
|||||
Db 1170 agcaataacctgaccgacctgcccgaagatatagacagctagagagctgcaagctt 1229
QY 361 ctcttgataaaaaaagtctgacctctccctattccatgctgtaacctgaaagctc 420
|||||
Db 1230 ctcttgataaaaaaagtctgacctctccctattccatgctgtaacctgaaagctc 1289
QY 421 actctgttagctgcagtgaggagaccattgtgtgagctcccaactgaccttgtactca 480
|||||
Db 1290 actctgttagctgcagtgaggagaccattgtgtgagctcccaactgaccttgtactca 1349
QY 481 tccacaccttaaaattgttaagccttctgacaactccatgtatgataatgcccagaatgaa 540
|||||
Db 1350 tccacaccttaaaattgttaagccttctgacaactccatgtatgataatgcccagaatgaa 1409
QY 541 gatgcaatgaaatataatgaaagtgaaagtgacggtatgcacacatttggataaagaattatg 600
|||||
Db 1410 gatgcaatgaaatataatgaaagtgaaagtgacggtatgcacacatttggataaagaattatg 1469
QY 601 aaagcctatctgaagaccttaaaagaagaagatctgttccagctataccaccaagt 660
|||||
Db 1470 aaagcctatctgaagaccttaaaagaagaagatctgttccagctataccaccaagt 1529
QY 661 tctttagcctcaacttga 681
|||||
Db 1530 tctttagcctcaacttga 1550

RESULT 5
PCT-US01-14826-444
; Sequence 444, Application PC/TUS0114826
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 21272-103
; CURRENT APPLICATION NUMBER: PCT/US01/14826
; CURRENT FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 09/577,408
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 09/677,298<151> 2000-09-22
; PRIOR APPLICATION NUMBER: 09/695,781<151> 2000-10-24
; PRIOR APPLICATION NUMBER: 09/715,869<151> 2000-11-17
; PRIOR APPLICATION NUMBER: 09/775,330<151> 2001-02-01
; NUMBER OF SEQ ID NOS: 864
; SOFTWARE: Custom
; SEQ ID NO 444
; LENGTH: 2035
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-14826-444

Query Match 97.2%; Score 661.8; DB: 1; Length 2035;
Best Local Similarity 96.2%; Pred. NO. 1.6e-175;
Matches 669; Conservative 0; Mismatches 12; Indels 0; Gaps 0;
QY 1 atgagaattcggatctgcaaaaacaaatctacatcttcacgagaaatcggtgt 60
|||||
Db 811 atgagaattcggatctgcaaaaacaaatctacatcttcacgagaaatcggtgt 870

QY 61 ttgaagaacctgaaagaaactcaatgtgggttccaactctgaagaaattccctccagaa 120
|||||
Db 871 ttgaagaacctgaaagaaactcaatgtgggttccaactctgaagaaattccctccagaa 930
QY 121 ttggagatctgaaactctagagagactggtgttcttgaaactctagaattatggag 180
|||||
Db 931 ttggagatctgaaactctagagagactggtgttcttgaaactctagaattatggag 990
QY 181 ctgaccttgaaatgaatcttgaaagaagtatacttctgatactctcagaacaag 240
|||||
Db 991 ctgaccttgaaatgaatcttgaaagaagtatacttctgatactctcagaacaag 1050
QY 241 ttcttcagtgctccaatctgtgtctctgagatgctgaatttgcagtggttgatatacgc 300
|||||
Db 1051 ttcttcagtgctccaatctgtgtctctgagatgctgaatttgcagtggttgatatacgc 1110
QY 301 agcaataacctgaccgacctgcccgaagatatagacagctagagagctgcaagctt 360
|||||
Db 1111 agcaataacctgaccgacctgcccgaagatatagacagctagagagctgcaagctt 1170
QY 361 ctcttgataaaaaaagtctgacctctccctattccatgctgtaacctgaaagctc 420
|||||
Db 1171 ctcttgataaaaaaagtctgacctctccctattccatgctgtaacctgaaagctc 1230
QY 421 actctgttagctgcagtgaggagaccattgtgtgagctcccaactgaccttgtactca 480
|||||
Db 1231 actctgttagctgcagtgaggagaccattgtgtgagctcccaactgaccttgtactca 1290
QY 481 tccacaccttaaaattgttaagccttctgacaactccatgtatgataatgcccagaatgaa 540
|||||
Db 1291 tccacaccttaaaattgttaagccttctgacaactccatgtatgataatgcccagaatgaa 1350
QY 541 gatgcaatgaaatataatgaaagtgaaagtgacggtatgcacacatttggataaagaattatg 600
|||||
Db 1351 gatgcaatgaaatataatgaaagtgaaagtgacggtatgcacacatttggataaagaattatg 1410
QY 601 aaagcctatctgaagaccttaaaagaagaagatctgttccagctataccaccaagt 660
|||||
Db 1411 aaagcctatctgaagaccttaaaagaagaagatctgttccagctataccaccaagt 1470
QY 661 tctttagcctcaacttga 681
|||||
Db 1471 tctttagcctcaacttga 1491

RESULT 6
US-09-577-408-1843
; Sequence 1843, Application US/09577408
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Tillinghast, John
; APPLICANT: Sinku, Ankura
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; FILE REFERENCE: 792
; CURRENT APPLICATION NUMBER: US/09/577,408
; CURRENT FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 8502
; SOFTWARE: PL-GCT_genes Version 1.0
; SEQ ID NO 1843
; LENGTH: 2035
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (562)...(1446)
; OTHER INFORMATION: similar to g14538934 in the genepept database release 115,
; OTHER INFORMATION: Run with FASTX 3.3000, default parameters
US-09-577-408-1843

Query Match	97.2%;	Score 661.8;	DB 22;	Length 2035;
Best Local Similarity	98.2%;	Pred. No. 1.6e-175;		
Matches 669; Conservative	0;	Mismatches 12;	Indels 0;	

QY	1	atgaagattcttgatctgtgcacaaaaaaccaactctacactcttcctcgagcaaatcggtgtg	60
Db	811	atgagatcttcggaacctgcacaaaaaaccaactctacactcttcctcgagcaaatcggtgtg	870
QY	61	ttgaagaacctggaagaactcacaatgtagttcttcaactctctgaagagatctctccagaa	120
Db	871	ttgaagaacctggaagaactcacaatgtagttcttcaactctctgaagagatctctccagaa	930
QY	121	ttggagagatttgtaaaatctagaagagactggtttcttcggaaactctgaattaatgtag	180
Db	931	ttggagagatttgtaaaatctagaagagactggtttcttcggaaactctgaattaatgtag	990
QY	181	ctgcaccttgaattgaatgaatcttgaaagcaggttaacattgtgatatactcagcaaacag	240
Db	991	ctgcaccttgaattgaatgaatcttgaaagcaggttaacattgtgatatactcagcaaacag	1050
QY	241	ttttccagtgctcccaactctgtctctcgtcggaatgctgaatttcgagtggttgatacagc	300
Db	1051	ttttccagtgctcccaactctgtctctcgtcggaatgctgaatttcgagtggttgatactac	1110
QY	301	agcaataacccgtgacccactgcgcgcagaatatagaacagctgagagctgcagaagctt	360
Db	1111	agcaataacccgtgacccactgcgcgcagaatatagaacagctgagagagctgcagaagctt	1170
QY	361	ctctctgtataaaaaaagaattgacactaactccatctccatctcgaactgaaagaagctc	420
Db	1171	ctctctgtataaaaaaagaattgacactaactccatctccatctcgaactgaaagaagctc	1230
QY	421	acctcttgatgctcagtgaggacaatttggtggagctcccaacgaccttcttgatcaaca	480
Db	1231	acctcttgatgctcagtgaggacaatttggtggagctcccaacgaccttcttgatcaaca	1290
QY	481	ttcacacacttaaaattctgtaagccttatggaacaaactcattgataatgcccacatgtga	540
Db	1291	ttcacacacttaaaattctgtaagccttatggaacaaactcattgataatgcccacatgtga	1350
QY	541	gattggcaatgaataatgtgaaagtgaacggatgcgcacacatttggataaagaagttag	600
Db	1351	gattggcaatgaataatgtgaaagtgaacggatgcgcacacatttggataaagaagttag	1410
QY	601	aaagcctatattgaagacacttaagaagaagaagatctgttcccaagctatacaccaaaagt	660
Db	1411	aaagcctatattgaagacacttaagaagaagaagatctgttcccaagctatacaccaaaagt	1470
QY	661	tcctttaagccttaacttga 681	
Db	1471	tcctttaagccttaacttga 1491	

```

RESULT 7
US-09-616-111-806
: Sequence 806, Application US/09616111
: GENERAL INFORMATION:
: APPLICANT: Holtzman, Douglas A.
: APPLICANT: Geating, David P.
: TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
: TITLE OF INVENTION: HUMAN PITUITARY LIBRARY
: FILE REFERENCE: 1600.1142-001
: CURRENT APPLICATION NUMBER: US/09/616,111
: CURRENT FILING DATE: 2000-07-13
: PRIOR APPLICATION NUMBER: 60/143,618
: PRIOR FILING DATE: 1999-07-13
: NUMBER OF SEQ ID NOS: 816
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 806
: LENGTH: 2010
: TYPE: DNA
: ORGANISM: Homo sapiens

```

US-09-616-111-806

Query Match	92.8%;	Score 632;	DB 23;	Length 2010;
Best Local Similarity	97.7%;	Pred. NO. 4.2e-167;		
Matches 666;	Conservative	0;	Mismatches 5;	Indels 11; Gaps 2;

QY	1	atggaatttcgtatctgcgaataaaacccaattccacattccctccagcagaatcggtgt	60
Db	797	atggaatttcgtatctgcgaataaaacccaattccacattccctccagcagaatcggtgt	856
QY	61	ttgaagaaccctgaaagaaactcaatgtggttttcaactactgaagagattcctccagaa	120
Db	857	ttgaagaaccctgaaagaaactcaatgtggttttcaactactgaagagattcctccagaa	916
QY	121	ttggagagattgtgaaactctagagagactgtgattgttctgaaactctgaattaatgag	180
Db	917	ttggagagattgtgaaactctagagagagactgtgattgttctgaaactctgaattaatgag	976
QY	181	ctgcaccttgaattgaattgaatttgaagcagafttaactttgtatgatactcggcaaacag	240
Db	977	ctgcaccttgaattgaattgaatttgaagcagafttaactttgtatgatactcggcaaacag	1026
QY	241	ttttccagtgctcccaatctgtgtctgcctgcgagatctcgaaatttcagctgttgatacagc	300
Db	1027	ttttccagtgctcccaatctgtgtctgcctgcgagatctcgaaatttcagctgttgatacagc	1086
QY	301	agcaataaactcgacgcacctgcgcgcaagatatagacaagcttagagagctgcagaagctt	360
Db	1087	agcaataaactcgacgcacctgcgcgcaagatatagacaagcttagagagctgcagaagctt	1146
QY	361	ctcttgtatataaaacaagtgtgactactcttccattccatgtctgaacctgaagaagctc	420
Db	1147	ctcttgtatataaaacaagtgtgactactcttccattccatgtctgaacctgaagaagctc	1206
QY	421	acctgtgtagctgcagttgaggacaaattggtgagggtcccaacgcgcctttgtancca	480
Db	1207	acctgtgtagctgcagttgaggacaaattggtgagggtcccaacgcgcctttgtancca	1266
QY	481	ttcacaa-cttttaaaatttgtaaagccttaaggacatcctattgtataatgtcccaatgtga	539
Db	1267	ttcacaaaccttttaaaatttgtaaagccttaaggacatcctattgtataatgtcccaatgtga	1326
QY	540	agatgycaatgaaataatggaagaagtgaacgycgatcgccaacatttgtataagaagctat	599
Db	1327	agatgycaatgaaataatggaagaagtgaacgycgatcgccaacatttgtataagaagctat	1386
QY	600	gaaagcctatatggaagaccttaagaagaagaatctgtttcccaactataccaccaagt	659
Db	1387	gaaagcctatatggaagaccttaagaagaagaatctgtttcccaactataccaccaagt	1446
QY	660	gtcctttagcctcaactttga 681	
Db	1447	gtcctttagcctcaactttga 1468	

```

RESULT      8
US-09-652-915-9227
: Sequence 9227, Application US/09652915
: GENERAL INFORMATION:
: APPLICANT:  Falb, Dean R.
: TITLE OF INVENTION:  Holtzman, Douglas A.
: TITLE OF INVENTION:  NOVEL NUCLEIC ACID MOLECULES AND USES
: FILE REFERENCE: 1600.1175-001
: CURRENT APPLICATION NUMBER: US/09/652,915
: CURRENT FILING DATE: 2000-08-31
: PRIOR APPLICATION NUMBER: 60/152,110
: PRIOR FILING DATE: 1999-08-31
: NUMBER OF SEQ. ID NOS: 10311
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 9227
LENGTH: 2010

```

TYPE: DNA
ORGANISM: Homo sapiens
US-09-652-915-9227

Query Match 92.8%: Score 632; DB 25; Length 2010;
Best Local Similarity 97.7%: Pred. No. 4.2e-167;
Matches 666; Conservative 0; Mismatches 5; Indels 11; Gaps 2;

```
QY 1 atgaattctgatactcccaaaaacccaatctcacatctccagcagaatcgtgtc 60
    |||||
Db 797 atgaattctgatactcccaaaaacccaatctcacatctccagcagaatcgtgtc 856
QY 61 ttgaagacctgaaagaaactcaatggtgttcaactctgaagaagattccctcagaa 120
    |||||
Db 857 ttgaagacctgaaagaaactcaatggtgttcaactctgaagaagattccctcagaa 916
QY 121 ttggaagattggaanaactagagagactgattgtctggaactctgaataatgag 180
    |||||
Db 917 ttggaagattggaanaactagagagactgattgtctggaactctgaataatgag 976
QY 181 ctgaccttgaataagtaatttgaagaagttacattgttagatatctcaacaaga 240
    |||||
Db 977 ctgaccttgaataagtaatttgaagaagttacattgttagatatctcaacaaga 1026
QY 241 ttctccagttcccaactctgtctcgtcgagatgctgaattgagtggttgatatacagc 300
    |||||
Db 1027 ttctccagttcccaactctgtctcgtcgagatgctgaattgagtggttgatatacagc 1086
QY 301 agcaataacctgacccgacctgcccgaagatatagacagctgagagagctgagagcttt 360
    |||||
Db 1087 agcaataacctgacccgacctgcccgaagatatagacagctgagagagctgagagcttt 1146
QY 361 ctctgtataaaaaaagttgacctactctccctattccatgctgaacctgaagaagctc 420
    |||||
Db 1147 ctctgtataaaaaaagttgacctactctccctattccatgctgaacctgaagaagctc 1206
QY 421 actcgttagctgctagtgaggagacattgtgtgagctcccaacgacctgtgtactca 480
    |||||
Db 1207 actcgttagctgctagtgaggagacattgtgtgagctcccaacgacctgtgtactca 1266
QY 481 tccaca-ccttaaaatttgaagcctatgacacatcctattgtaataagccaatgta 539
    |||||
Db 1287 tccacaacctttaaatttgaagcctatgacacatcctattgtaataagccaatgta 1326
QY 540 agatgycgaatgaataatggaagtgaacgagatcgccaacatttgaataaagaagttat 599
    |||||
Db 1327 agatgycgaatgaataatggaagtgaacgagatcgccaacatttgaataaagaagttat 1386
QY 600 gaaagccatattgaaagccttaagaagaagaatctgttccagctataccacaagt 659
    |||||
Db 1387 gaaagccatattgaaagccttaagaagaagaatctgttccagctataccacaagt 1446
QY 660 gtctttagccttaacttga 681
    |||||
Db 1447 gtctttagccttaacttga 1468
```

RESULT 9
US-60-245-228-444/C
Sequence 444, Application US/60245228
GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN CYCLASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN CYCLASE PROTEINS, AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: C1000878
CURRENT APPLICATION NUMBER: US/60/245, 228
CURRENT FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 630
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 444
LENGTH: 577

TYPE: DNA
ORGANISM: HUMAN
US-60-245-228-444

Query Match 84.6%: Score 576; DB 57; Length 577;
Best Local Similarity 100.0%: Pred. No. 1.6e-151;
Matches 576; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 56 gtgtttgaagaacctgaaagaacccaatggtgttcaactatctgaagacattctc 115
    |||||
Db 577 GTTGTTTGAAGACCTGAAAGACCTCATGTGGTTCAACATGTGAAGACATTCTC 518
QY 116 cagaattgagagattgtaaaacttagagagactgattgttctggaactagaattaa 175
    |||||
Db 517 CAGATTGGAGATTGTGAATAATCTAGAGAGACTGATTGTTCTGGAATCTAGAAATTA 458
QY 176 tggagctgaccttgaataagtaatttgaagaagaagttacattgttaattctcagaa 235
    |||||
Db 457 TGGAGCTGCCCTTGAATTAAGTAATTTGAAGCAAGTTACATTGTAGATATCTCAGAA 398
QY 236 acaagtttccagtgctcccaactgctcctcgagatgctgaattgacagtgtgata 295
    |||||
Db 397 ACAAGTTTCCAGTGTCCCAATCTGTGTCTGCGGATGTGCAATTGCAAGTGTGATA 338
QY 296 tcagcagaataaacttgacccgacctgcccgaagatatagacagctagaagagctgaga 355
    |||||
Db 337 TCAGCAGCAATAAACCTGACCCGACCGCAAGATATAGACAGGCTTAAGAGGCTGCA 278
QY 356 gcttctcttctataaaaaaagaattgacctctccctattccatgctgaacctgaaga 415
    |||||
Db 277 GCTTCTCTTGTATATAAACAAGTTGACCTTCCCTATTCCATGCTGAACCTGAAGA 218
QY 416 agctcactctgtagctgctcagtgaggacatttggtagagctcccaactgacctgtg 475
    |||||
Db 217 AGCTCACTGTTAGTGTGCTGAGTGAGGACATTGTGTGAGAGCTCCCACTGCCCTTGTG 158
QY 476 actatccacaccttaaaatttgaagccttatggaacatctctattgataatgccaat 535
    |||||
Db 157 ACTCATCCACACACCTTTAAATTTGTAACTTATGACAATCTTATATATGCCCAT 98
QY 536 gtgaagatgagcaatgaataatggaagtgaaagtgagacggaacatttgaataaaga 595
    |||||
Db 97 GTGAAGATGAGCAATGAATAATGGAAGTGAAGAGGAGATCGCCACATTTGTATAAGAG 38
QY 596 ttatgaagcctatatatgaagaccttaagaagaag 631
    |||||
Db 37 TTATGAAGCCTATATGTGAAGACCTTAAGAAAGAG 2
```

RESULT 10
US-09-516-448-1391
Sequence 1391, Application US/09516448
GENERAL INFORMATION:
APPLICANT: Robison, Keith E.
TITLE OF INVENTION: Novel Nucleic Acid and Protein Homologs
FILE REFERENCE: 5800-119
CURRENT APPLICATION NUMBER: US/09/516, 448
CURRENT FILING DATE: 2000-02-29
NUMBER OF SEQ ID NOS: 2050
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1391
LENGTH: 630
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(630)
OTHER INFORMATION: n = A,T,C or G
US-09-516-448-1391

Query Match 74.1%: Score 504.8; DB 19; Length 630;

US-60-168-611-2255

Query Match

50.7%; Score 345; DB 40; Length 840;

Best Local Similarity 100.0%; Pred. No. 2.6e-86; Mismatches 0; Indels 0; Gaps 0;

```
Matches 345; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 337 aggtatagagagctgcagagcttctctgtatataaacaagctgactactccctat 396
   |||||||
DB 142 aggtatagagagctgcagagcttctctgtatataaacaagctgactactccctat 201

QY 397 tccatgtcgaacctggaagaagctcactctgttagctcagtcggagccatttgtagg 456
   |||||||
DB 202 tccatgtcgaacctggaagaagctcactctgttagctcagtcggagccatttgtagg 261

QY 457 ctcccaactgcctcttctgtactatccacaccttaaaattgtgaagccttatgacaat 516
   |||||||
DB 262 ctcccaactgcctcttctgtactatccacaccttaaaattgtgaagccttatgacaat 321

QY 517 cctatgataatgcccaatgtgaagatggaatgaatgaatgaatgaatgaatgaatgacg 576
   |||||||
DB 322 cctatgataatgcccaatgtgaagatggaatgaatgaatgaatgaatgaatgaatgacg 381

QY 577 caacatttgataagaagatgatgaagcctataatgaagacctaagaagaagaatct 636
   |||||||
DB 382 caacatttgataagaagatgatgaagcctataatgaagacctaagaagaagaatct 441

QY 637 gtcccaagctataaccaccaagctctttagccttaacttga 681
   |||||||
DB 442 gtcccaagctataaccaccaagctctttagccttaacttga 486
```

RESULT 15

```
US-09-332-782-6811
; Sequence 6811, Application US/09332782
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-754CON1
; CURRENT APPLICATION NUMBER: US/09/332.782
; CURRENT FILING DATE: 1999-06-14
; EARLIER APPLICATION NUMBER: US 09/181.430
; EARLIER FILING DATE: 1998-10-28
; NUMBER OF SEQ ID NOS: 21027
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6811
; LENGTH: 327
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-332-782-6811
```

Query Match

47.6%; Score 324.4; DB 17; Length 327;

Best Local Similarity 99.7%; Pred. No. 1.2e-80; Mismatches 1; Indels 0; Gaps 0;

```
Matches 325; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 126 agattgtgaataatctagaagactggtgttctggaatctagaatctagaagctgccc 185
   |||||||
DB 1 agattgtgaataatctagaagactggtgttctggaatctagaatctagaagctgccc 60

QY 186 ctgtgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaat 245
   |||||||
DB 61 ctgtgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaatgaat 120

QY 246 cagtgctcccaatctgtctcctcgagatgcgaatttcgaatggtgtgtgatatcagcagaa 305
   |||||||
DB 121 cagtgctcccaatctgtctcctcgagatgcgaatttcgaatggtgtgtgatatcagcagaa 180

QY 306 taacctgaacgactgcgcgaagaatagataagctagagagctgcaagcttctctt 365
   |||||||
DB 181 taacctgaacgactgcgcgaagaatagataagctagagagctgcaagcttctctt 240
```

```
QY 366 gtataaacaagttagctactactccttccctattcctgtgaacctgaagaagctcaact 425
   |||||||
DB 241 gtataaacaagttagctactactccttccctattcctgtgaacctgaagaagctcaact 300

QY 426 gtagtcgtcagtcggagccatttg 451
   |||||||
DB 301 gtagtcgtcagtcggagccatttg 326
```

Search completed: February 26, 2002, 11:47:58
Job time: 7745 sec

```
Db 241 ttctccagttgcccaatctgtctcgtcgga tgcgaattgcagtggttgatctcagc 300
Oy 301 agcaataacccgacccgacctccgcaagata tagaacgctagaagagctcagaagctt 360
Db 301 agcaataacccgacccgacctccgcaagata tagaacgctagaagagctcagaagctt 360
Oy 361 ctcttgtataaacaagctgacacccctccctatccatctcagctgtaaacctgaagaagctc 420
Db 361 ctcttgtataaacaagctgacacccctccctatccctatccatctcagctgtaaacctgaagaagctc 420
Oy 421 actctgttagtcgctcagtgaggagacattgtgtgagagccccaacgacctgtgtgactcca 480
Db 421 actctgttagtcgctcagtgaggagacattgtgtgagagccccaacgacctgtgtgactcca 480
Oy 481 tccacaccttaaaattgttagaccttagaacatctcatatgataatgcccagaatgtgaa 540
Db 481 tccacaccttaaaattgttagaccttagaacatctcatatgataatgcccagaatgtgaa 540
Oy 541 gatggcaatgaaataatggaagtgaaagcgatcgccacacatttgataaagaagtatg 600
Db 541 gatggcaatgaaataatggaagtgaaagcgatcgccacacatttgataaagaagtatg 600
Oy 601 aaagcctatatggaagaccttaagaagaagatctgttcccagctataccaccaagaatg 660
Db 601 aaagcctatatggaagaccttaagaagaagatctgttcccagctataccaccaagaatg 660
Oy 661 tcttttagccttcaacttga 681
Db 661 tcttttagccttcaacttga 681
```

```
RESULT 2
US-09-602-833A-1
; Sequence 1, Application US/09602833A
; GENERAL INFORMATION:
; APPLICANT: Turner, Alex
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Freidrich, Glenn A.
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND PROTEINS
; TITLE OF INVENTION: ENCODED THEREBY
; FILE REFERENCE: 8535-0036-999
; CURRENT APPLICATION NUMBER: US/09/602,833A
; CURRENT FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1113)
US-09-602-833A-1
```

```
Query Match 100.0%; Score 681; DB 5; Length 1116;
Best Local Similarity 100.0%; Pred. No. 5, 6e-183;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy 1 atgagaattctgatactgyccaaaaaaaccaaatctacatcttccagcagaatcggtgtg 60
Db 436 atgagaattctgatactgyccaaaaaaaccaaatctacatcttccagcagaatcggtgtg 495
Oy 61 ttgagaacctggaagaactcaatgctggttcaactatctggaagagcattccctccagaa 120
Db 496 ttgagaacctggaagaactcaatgctggttcaactatctggaagagcattccctccagaa 555
Oy 121 ttggagagattggaagaatctcagagagactgtagtctctgtaaaatctcgaatgaatgag 180
Db 556 ttggagagattggaagaatctcagagagactgtagtctctgtaaaatctcgaatgaatgag 615
```

```
Oy 181 ctgccccttgaattaagtaatttgaagcaagttacatttgaagatctcagcaacaag 240
Db 616 ctgccccttgaattaagtaatttgaagcaagttacatttgaagatctcagcaacaag 675
Oy 241 ttctccagtgcccaactctgtgtcctgcgcatgctcgaatttgcagtggttgatacagc 300
Db 676 ttctccagtgcccaactctgtgtcctgcgcatgctcgaatttgcagtggttgatacagc 735
Oy 301 agcaataacccgacccgacctccgcaagata tagaacgctagaagagctcagaagctt 360
Db 736 agcaataacccgacccgacctccgcaagata tagaacgctagaagagctcagaagctt 795
Oy 361 ctcttgtataaacaagctgacacccctccctatccatctcagctgtaaacctgaagaagctc 420
Db 796 ctcttgtataaacaagctgacacccctccctatccatctcagctgtaaacctgaagaagctc 855
Oy 421 actctgttagtcgctcagtgaggagacattgtgtgagagccccaacgacctgtgtgactcca 480
Db 856 actctgttagtcgctcagtgaggagacattgtgtgagagccccaacgacctgtgtgactcca 915
Oy 481 tccacaccttaaaattgttagaccttagaacatctcatatgataatgcccagaatgtgaa 540
Db 916 tccacaccttaaaattgttagaccttagaacatctcatatgataatgcccagaatgtgaa 975
Oy 541 gatggcaatgaaataatggaagtgaaagcgatcgccacacatttgataaagaagtatg 600
Db 976 gatggcaatgaaataatggaagtgaaagcgatcgccacacatttgataaagaagtatg 1035
Oy 601 aaagcctatatggaagaccttaagaagaagatctgttcccagctataccaccaagaatg 660
Db 1036 aaagcctatatggaagaccttaagaagaagatctgttcccagctataccaccaagaatg 1095
Oy 661 tcttttagccttcaacttga 681
Db 1096 tcttttagccttcaacttga 1116
```

```
RESULT 3
US-09-933-524A-29336
; Sequence 29336, Application US/09933524A
; GENERAL INFORMATION:
; APPLICANT: Dirmnac, Radoje T.
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Dickson, Mark
; APPLICANT: Jones, Lee W.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; TITLE OF INVENTION: From Various Libraries
; FILE REFERENCE: 774
; CURRENT APPLICATION NUMBER: US/09/933,524A
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 09/528,409
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 116231
; SOFTWARE: Hy-patent.pl Version 3.1
; SEQ ID NO 29336
; LENGTH: 480
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-933-524A-29336
```

```
Query Match 25.3%; Score 172; DB 6; Length 480;
Best Local Similarity 100.0%; Pred. No. 1, 2e-38;
Matches 172; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy 1 atgagaattctgatactgyccaaaaaaaccaaatctacatcttccagcagaatcggtgtg 60
Db 309 atgagaattctgatactgyccaaaaaaaccaaatctacatcttccagcagaatcggtgtg 368
Oy 61 ttgagaacctggaagaactcaatgctggttcaactatctggaagagcattccctccagaa 120
```

Db 369 ttgaagaacctgaagaactcaatgtggtttcaactatctgaagagcattcctccagaa 428
QY 121 ttggagatttgtaaaatctagagagactgtattcttgaaatcagaat 172
Db 429 ttggagatttgtaaaatctagagagactgtattcttgaaatcagaat 480

RESULT 4

US-09-933-524A-25490

; Sequence 25490, Application US/09933524A
; GENERAL INFORMATION:
; APPLICANT: Dirmnac, Radoje T.
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Dickson, Mark
; APPLICANT: Jones, Lee W.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; FILE REFERENCE: 774
; CURRENT APPLICATION NUMBER: US/09/933,524A
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 09/528,409
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 116231
; SOFTWARE: Hy-patent.pl Version 3.1
; SEQ ID NO 25490
; LENGTH: 440
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-933-524A-25490

Query Match

18.8%; Score 128; DB 6; Length 440;
Best Local Similarity 100.0%; Pred. No. 3.7e-26;

Matches 128; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 atgaagaattctgatactgcacaaacaaatcacatcttcacagagaatcgtgtg 60
Db 312 atgagattctgatactgcacaaacaaatcacatcttcacagagaatcgtgtg 371
QY 61 ttgaagaacctgaagaactcaatgtggtttcaactatctgaagagcattcctccagaa 120
Db 372 ttgaagaacctgaagaactcaatgtggtttcaactatctgaagagcattcctccagaa 431
QY 121 ttggagaga 128
Db 432 ttggagaga 439

RESULT 5

US-09-933-524A-24337

; Sequence 24337, Application US/09933524A
; GENERAL INFORMATION:
; APPLICANT: Dirmnac, Radoje T.
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Dickson, Mark
; APPLICANT: Jones, Lee W.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; FILE REFERENCE: 774
; CURRENT APPLICATION NUMBER: US/09/933,524A
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 09/528,409
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 116231
; SOFTWARE: Hy-patent.pl Version 3.1
; SEQ ID NO 24337
; LENGTH: 456
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION: (1)...(456)
; OTHER INFORMATION: n = A,T,C or G
US-09-933-524A-24337

Query Match

18.4%; Score 125; DB 6; Length 456;
Best Local Similarity 100.0%; Pred. No. 2.6e-25;

Matches 125; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 atgaagaattctgatactgcacaaacaaatcacatcttcacagagaatcgtgtg 60
Db 331 atgaagaattctgatactgcacaaacaaatcacatcttcacagagaatcgtgtg 390
QY 61 ttgaagaacctgaagaactcaatgtggtttcaactatctgaagagcattcctccagaa 120
Db 391 ttgaagaacctgaagaactcaatgtggtttcaactatctgaagagcattcctccagaa 450
QY 121 ttggg 125
Db 451 ttggg 455

RESULT 6

US-09-933-524A-13035

; Sequence 13035, Application US/09933524A
; GENERAL INFORMATION:
; APPLICANT: Dirmnac, Radoje T.
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Dickson, Mark
; APPLICANT: Jones, Lee W.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; FILE REFERENCE: 774
; CURRENT APPLICATION NUMBER: US/09/933,524A
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 09/528,409
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 116231
; SOFTWARE: Hy-patent.pl Version 3.1
; SEQ ID NO 13035
; LENGTH: 429
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-933-524A-13035

Query Match

12.8%; Score 87; DB 6; Length 429;
Best Local Similarity 100.0%; Pred. No. 1.6e-14;

Matches 87; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 atgaagaattctgatactgcacaaacaaatcacatcttcacagagaatcgtgtg 60
Db 343 atgaagaattctgatactgcacaaacaaatcacatcttcacagagaatcgtgtg 402
QY 61 ttgaagaacctgaagaactcaatgtg 87
Db 403 ttgaagaacctgaagaactcaatgtg 429

RESULT 7

US-09-933-524A-15579

; Sequence 15579, Application US/09933524A
; GENERAL INFORMATION:
; APPLICANT: Dirmnac, Radoje T.
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Dickson, Mark
; APPLICANT: Jones, Lee W.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; FILE REFERENCE: 774
; CURRENT APPLICATION NUMBER: US/09/933,524A


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; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 184
; LENGTH: 1947
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-902-775A-184
```

```

Query Match      8.4%; Score 57.4; DB 5; Length 1947;
Best Local Similarity 47.0%; Pred. No. 7.5e-06;
Matches 178; Conservative 0; Mismatches 201; Indels 0; Gaps 0;
```

```

Qy 182 tgccttgaatgaatgaatgaagaattacattgttagatatacagaacaaga 241
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1162 taccagtgagcagattagttacagaactcagatgcttagtgagctaacaa 1221
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 242 ttccagtgcccaatctgtctcctgcgagtgcgaattgcagtggttgagata 301
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1222 ttcatatgattccaatagaatagattcttcgaacctgcagcatttgcata 1281
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 302 gcaataacctgaccgacgcagagatagacagcgtagagagcctgcagattc 361
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1282 ggaacaagaatgacattctgcgaacaactgtttaagcataaagttgagact 1341
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 362 tcttgataaacaagtgtgacctaccctccattccattcgtcgaactgaaag 421
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1342 atctggagacagactcaccctccacagagaagttgtgtcagctctccagc 1401
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 422 ctctgttagctgcagtgaggacatttggtgagctcccaactgaccttga 481
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1402 cttagctggagctgaaggggaactgtgtgaccgctgcagccagctggg 1461
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 482 ccacaccttaaatgtgaagccttatgacacactccttaattgaatgccaa 541
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1462 ggaatgtcagaagaagcgggctgtgtgtgagaatacacttttgaaccct 1521
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 542 atggcaatgaataatgga 560
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1522 aagtcagaagagcattgaa 1540
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
```

```

RESULT 10
US-09-904-956-184
; Sequence 184, Application US/09904956
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
```

```

; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,956
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 184
; LENGTH: 1947
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-904-956-184
```

```

Query Match      8.4%; Score 57.4; DB 5; Length 1947;
Best Local Similarity 47.0%; Pred. No. 7.5e-06;
Matches 178; Conservative 0; Mismatches 201; Indels 0; Gaps 0;

Qy 182 tgccttgaatgaatgaatgaagaattacattgttagatatacagaacaaga 241
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
```


APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,618
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 184
LENGTH: 1947
TYPE: DNA
ORGANISM: Homo sapiens
US-09-906-618-184

Query Match 8.4%; Score 57.4; DB 5; Length 1947;
Best Local Similarity 47.0%; Pred. No. 7.5e-06;
Matches 178; Conservative 0; Mismatches 201; Indels 0; Gaps 0;

QY 182 tgccttgatgaatgaatgaagcaagttcattgtgagatatcgcagcaaacagt 241
DB 1162 taccagtgagcagattagttacagaaactcagtgctttagtgagtcacacaca 1221

QY 242 ttccacgtgcccaatcgtctcgtcgagatgcgaattgcgaattggttgatatacaga 301
DB 1222 ttccaagattccaatagaatagattgtcttcgaaccgcgcagcattgcatatactg 1221
QY 302 gcaataaccctgaccgacgtccgcgaagatataagacaggttagagagctgcagagcttc 361
DB 1282 ggaacaaagtgagcattctccaaacaaatggttaattgataaagattgagagcttga 1341
QY 362 tctgtataaacaagttgaactcactctccattccatgcgtcgaacctgaagaagctca 421
DB 1342 atctggagcagcagatcagatcactcactccacagaaagtgtgcagctctccagctca 1401
QY 422 ctctgtgagtcgtcagtgaggagacattgtgtgagagctcccaactgccttggatcat 481
DB 1402 ctcaagctgagagctgaaaggagaaacctgctgagccgcctgcagcccaagctggcagtgctc 1461
QY 482 ccacaccttaaaattgtgaagccttataagcaatccattgataaagcccaatgtgaag 541
DB 1462 gtagctcgaagaagaagcggtctgtgtggaagatacacttttgataccctgcagctcg 1521
QY 542 atggcaatgaataatgga 560
DB 1522 aagtcagaagagcattgaa 1540

RESULT 13
US-09-909-204-184
Sequence 184, Application US/09909204
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,204
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
